

**IT IS THE VENDOR'S RESPONSIBILITY TO  
CHECK FOR ADDENDA PRIOR TO SUBMITTING PROPOSALS**

## **NOTICE TO BIDDERS SPECIFICATION NO. 04-204**

The City of Lincoln, Nebraska intends to purchase and invites you to submit a sealed bid for:

### **10 FT. HYDRAULIC REVERSIBLE SNOW PLOW**

Sealed bids will be received by the City of Lincoln, Nebraska on or before 12:00 noon Wednesday, August 4, 2004 in the office of the Purchasing Agent, Suite 200, K Street Complex, Southwest Wing, 440 South 8th Street, Lincoln, Nebraska 68508. Bids will be publicly opened and read at the K Street Complex.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above.

Company Name \_\_\_\_\_

## 10 FT. HYDRAULIC REVERSIBLE SNOW PLOW

### 1. APPLICATION

- 1.1 The snow plow will be utilized by the Public Works & Utilities Department for snow removal projects on arterial and residential streets within the confines of the City of Lincoln.
- 1.2 Snow plow will be installed by the City of Lincoln, on 35,000 and 52,000 GVWR trucks, with a Flink Model QL2 Quick Link Hitch.
- 1.3 Truck mounted frame and hitch assembly will be provided and installed by the body supplier and is not to be considered part of this bid.

### 2. MODEL

- 2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.
- 2.2 Example Model:
  - 2.2.1 Baker/Flink Model 2PR559S
  - 2.2.2 Monroe Model MP38R10ISTEFL
- 2.3 Bidders are cautioned to read the specifications carefully. The specifications may include special requirements not commonly offered by the manufacturer.

Meets Specs.

Yes No

### 3. BASIC DESIGN

- |   |   |     |   |
|---|---|-----|---|
| — | — | 3.1 | Heavy-duty 10' snow plow with integral steel deflector.   |
| — | — | 3.2 | Hydraulically reversible (ram-type)   |
| — | — | 3.3 | Hydraulically raised and lowered  |
| — | — | 3.4 | Plow portion of hitch must be compatible with Flink QL2 Quick Link Hitch.   |
| — | — | 3.5 | Cutting edge trip design, with moldboard being an integral part of the push frame (NOTE: Modified full moldboard trip is not acceptable). |
| — | — | 3.6 | Swivel bar for road contour   |

### 4. MOLDBOARD DIMENSIONS

- |   |   |       |  |
|---|---|-------|--|
| — | — | 4.1   | Moldboard height in plowing position with an 8" cutting edge shall be 36" to 38" high. |
| — | — | 4.1.1 | Please state moldboard height _____"   |
| — | — | 4.2   | Length 10'   |
| — | — | 4.3   | Approximate clearing path  |
| — | — | 4.3.1 | 10' 0" @ 0°  |
| — | — | 4.3.2 | 8' 0" @ 35°  |

### 5. MOLDBOARD CONSTRUCTION

- |   |   |     |  |
|---|---|-----|--|
| — | — | 5.1 | 7 gauge steel <u>minimum</u>   |
| — | — | 5.2 | 6 reinforcing ribs <u>minimum</u>  |
| — | — | 5.3 | 1/4" thick reinforcing ribs <u>minimum</u>   |
| — | — | 5.4 | Moldboard shall be reinforced by self-formed angle at the top edge with horizontal support |

**or**

Company Name \_\_\_\_\_

Meets Specs

Yes No

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or

- 5.4 Moldboard shall be reinforced by a 2" x 3" x 3/8" angle at the top edge with horizontal support.
- 5.5 Upper or leading edge of moldboard to extend approximately 10" ahead of cutting edge in plowing position.
- 5.6 Heavy-duty vertical rubber snow deflector shall be securely bolted to the leading edge of the moldboard.
- 5.7 Approximate weight of moldboard 1700 lbs. (NOTE: Please state weight of moldboard \_\_\_ lbs.)
- 5.8 3/8" high test lift chains with a minimum working load limit of 5,000 lb.
- 5.9 Lift height from ground level to be a minimum of 14 inches (NOTE: Please state maximum lift height from ground level \_\_\_ inches)

6. TRIPPING MECHANISM

- 6.1 Two or four section trip cutting edge.
- 6.2 Eight adjustable compression type trip spring assemblies.
- 6.3 Each spring assembly shall include one (1) outer main and one (1) reverse wound inner spring.
- 6.4 Moldboard to be standard AASHO punch.
- 6.5 Cutting edge is not requested or desired.

7. REVERSING FRAME (Semi-Circle)

- 7.1 3 1/2" x 3 1/2" x 1/2" reinforced angle, gusseted and securely welded to rigid section of the moldboard assembly.
- 7.2 Frame to be connected close to moldboard ends for maximum support.

8. DRIVE FRAME

- 8.1 Heavy-duty A-frame design
- 8.2 A-frame shall be constructed of 3 1/2" x 3" x 1/2" angles with reinforcement as required or equal design.
- 8.3 A-frame shall connected to moldboard through heavy duty 1 1/2" pivot bolt or pin.
- 8.4 Oscillation coupler or swivel bar shall be connected to A-frame with 1 1/2 grade 5 bolt with locking device.

9. HYDRAULICS

- 9.1 Reversing system shall incorporate two (2) double acting minimum three (3) inch bore hydraulic cylinders and protective cushion valve
- 9.2 Hydraulics must provide necessary power to reverse the plow from 35° right to 35° left and hold the plow at any angle within the arc without the use of manual locking device
- 9.3 Hoses to be two (2) wire braid 4000 lb. working pressure
- 9.4 Quick couplers and cushion valve is **NOT REQUIRED**.

10. PAINT

- 10.1 Plow shall be shotblasted or sandblasted and primed.
- 10.2 Finish coat shall be minimum 2 mils urethane orange.

Meets Specs

Yes No

11. MANUALS

\_\_\_\_ \_\_\_\_ 11.1 Two (2) complete parts.

\_\_\_\_ \_\_\_\_ 11.2 Two (2) complete operators.

12. DELIVERY

\_\_\_\_ \_\_\_\_ 12.1 Delivery shall be F.O.B., City of Lincoln Fleet Services Garage, 901 North 6<sup>th</sup> Street, Lincoln NE., 68508, completely assembled.

13. OPTIONS

\_\_\_\_ \_\_\_\_ 13.1 Removable screw-type mount/dismount and storage jack

\_\_\_\_ \_\_\_\_ 13.2 Cushion valve with ½" stainless steel couplers on both reversing hydraulic hoses and valve.

\_\_\_\_ \_\_\_\_ 13.3 Heavy-Duty Front Mounted Push-Frame with Quick Link. (Flink Model PF91QL2 or approved equal)

13.4 The City has an additional three (3) plows budgeted for in the 2004/05 budget and may be purchasing them within six (6) months.

\_\_\_\_ \_\_\_\_ 13.4.1 Will the vendor hold the pricing and allow the City to purchase the additional plows at the price submitted?

**PROPOSAL**  
**SPECIFICATION NO. 04-204**  
**BID OPENING TIME: 12:00 NOON**  
**DATE: Wednesday, August 4, 2004**

The undersigned, having full knowledge of the requirements of the City of Lincoln for the below listed phases and the contract documents (which include Notice, Instructions, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to enter into a contract with the City the below listed fees for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for fees listed below.

**ADDENDA RECEIPT:** The receipt of addenda to the specification numbers \_\_\_\_\_ through \_\_\_\_\_ are hereby acknowledged. Failure of any submitter to receive any addendum or interpretation of the specifications shall not relieve the submitter from any obligations specified in the request. All addenda shall become part of the final contract document.

<u>Item</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Unit cost</u>	<u>Total Cost</u>
1.	3	Each	10 FT. Hydraulic Reversible Snow Plows Make _____ Model _____	\$ _____	\$ _____
2.	Option	Each	Removable screw-type mount/dismount and storage jack	\$ _____	\$ <u>NA</u>
3.	Option	Each	Cushion valve with ½" stainless steel couplers on both reversing hydraulic hoses and valves	\$ _____	\$ <u>NA</u>
4.	Option	Each	Heavy-Duty Front Mounted Push-Frame with Quick Link (Flink Model PF91QL2 or approved equal)  Make _____  Model _____	\$ _____	\$ <u>NA</u>
5.	Option		Will the vendor hold the pricing and allow the City to purchase additional plows at the price submitted?	YES _____ NO _____	

**BID SECURITY REQUIRED:** \_\_\_\_\_ YES   X   NO

**AFFIRMATIVE ACTION PROGRAM:** Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

**RETURN 2 COMPLETE COPIES OF PROPOSAL AND SUPPORTING MATERIAL.  
MARK OUTSIDE OF BID ENVELOPE: SEALED BID FOR SPEC. 04-204**

\_\_\_\_\_  
**COMPANY NAME**

\_\_\_\_\_  
**BY (Signature)**

\_\_\_\_\_  
**STREET ADDRESS or P.O. BOX**

\_\_\_\_\_  
**(Print Name)**

\_\_\_\_\_  
**CITY, STATE      ZIP CODE**

\_\_\_\_\_  
**(Title)**

\_\_\_\_\_  
**TELEPHONE No.      FAX No.**

\_\_\_\_\_  
**(Date)**

\_\_\_\_\_  
**EMPLOYER'S FEDERAL I.D. NO.  
OR SOCIAL SECURITY NUMBER**

\_\_\_\_\_  
**ESTIMATED DELIVERY DAYS**

\_\_\_\_\_  
**E-MAIL ADDRESS**

\_\_\_\_\_  
**TERMS OF PAYMENT**

Bids may be inspected in the Purchasing Division offices during normal business hours, after tabulation by the purchasing agent. If you desire a copy of the bid tabulation to be mailed to you, you must enclose a self-addressed stamped envelope with your bidding documents. Bid tabulations can also be viewed on our website at: [lincoln.ne.gov](http://lincoln.ne.gov) Keyword: Bid